

**SUPPLEMENTAL REQUIREMENTS**

1. NCDOT requires pedestrian bridges to be designed in accordance with the current version of the *AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges*.
2. The pedestrian bridge analysis should account for the appropriate maintenance vehicle live load and should correspond to the highest wind speed and the most severe wind exposure category for North Carolina.
3. The pedestrian bridge analysis should include the longest span and widest clear deck width that is intended to be used in the State. Note the NCDOT requires a 10' minimum clear deck width on pedestrian bridges.

Maximum Span Length \_\_\_\_\_ ft.  
Maximum Clear Deck Width \_\_\_\_\_ ft.  
Maximum Wind Velocity \_\_\_\_\_ mph.

4. Check the boxes below verifying the submittal includes analysis and design calculations in accordance with the *AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges* for the:
  - ☐ Framing Members (including shape, size, and section properties)
  - ☐ Member Connections (bolted and/or welded) with detailed drawings
  - ☐ Deck
  - ☐ Miscellaneous Attachments (including but not limited to fencing, roofing, safety railing, or signing)
5. NCDOT requires pedestrian bridge suppliers to be approved on the NCDOT Producer/Supplier list before performing work in the State. Information on becoming an approved Producer/Supplier can be found here:  
<https://connect.ncdot.gov/resources/Materials/Pages/Materials-Manual-Text.aspx?Order=MM-08-01&GroupName=08%20PRODUCER/SUPPLIER%20FACILITY%20APPROVAL%20AND%20MATERIAL%20CERTIFICATIONS>